

STATEMENT OF ENERGY PERFORMANCE

Riverside-Housing Unit 14
2 Riverside Rd
Boulder MT 59632

Date: 7/21/2020
Year Built: 1972
Parent: Riverside Correctional Facility

	Baseline:	2012	2015	2018	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2015	12/31/2018	12/31/2019
Energy Star Score:	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	7,926	7,926	7,926	7,926	7,926 Sq. Ft.
Heating Degree Days	6778	7046	6715	7820	8591
Cooling Degree Days	730	517	551	432	398

Reported Annual Energy Use:

Site Energy Use:	34.2	28.1	27.7	33.9	23.4 MBTU
Site EUI:	34,192	28,107	27,698	33,886	23,435 BTU/ft2
Electricity:	79,426	65,291	64,342	78,717	54,438 kWh
Max Electric Demand:	0.0	17.0	17.2	25.4	23.4 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A Therms

Reported Annual Energy Cost:

Electricity Cost:	\$7,767	\$6,266	\$7,039	\$8,517	\$6,209
Electric Demand Cost:	\$962	\$1,563	\$1,767	\$2,482	\$1,823
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A
Energy Cost/ft2	\$0.980	\$0.791	\$0.888	\$1.075	\$0.783

Weather Normalized Energy Use:

Site Energy Use:	276.5	222.8	222.2	268.6	185.7 MBTU
Site EUI:	34,881	28,107	28,038	33,886	23,435 BTU/ft2
Electricity:	81,028	65,291	65,132	78,717	54,438 kWh
Natural Gas:	N/A	N/A	N/A	N/A	N/A Therms

National Median Energy Use:

Site Energy Use:	529.8	525.3	511.5	558.8	599.2 MBTU
Site EUI:	66,845	66,282	64,530	70,502	75,593 BTU/ft2

% Difference from National Median:

Site EUI:	-48.85%	-57.60%	-57.08%	-51.94%	-69.00%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	0.0	0.0	0.0	0.0	0.0
Indirect Emissions:	23.6	19.4	19.1	23.4	16.2
Total Emissions:	23.6	19.4	19.1	23.4	16.2

National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Total Emissions:	46.2	45.8	44.6	48.7	52.2
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Adjusted Energy Based on Current Year:

Site Energy Use:	306.5	254.1	257.2	288.0	185.7 MBTU
Site EUI:	38,673	32,061	32,454	36,337	23,435 BTU/ft2

% Difference Adjusted Site Energy Use

2012 to Baseline	-17.10%
2015 to Baseline	-16.08%
2018 to Baseline	-6.04%
Current to Baseline	-39.40%
Current to 2018	-35.51%

Note: N/A has meanings as follows:

Energy Star Score: Not available for this type of property

Adjusted Energy Use: Not available for this property

Most other data: Not available due to insufficient or missing data